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(54) Title: OLIGOMER AND POLYMER COMPRISING TRIPHENYL PHOSPHINE UNITS

$$\begin{pmatrix}
Ar^{1}-E & Ar^{2}-E & Ar^{1} \\
Ar^{3} & Ar^{3} & Ar^{3}
\end{pmatrix}$$
(1)

(57) Abstract: An oligomer or polymer comprising a first repeat unit and a second repeat unit that may be the same or different, the first repeat unit having formula (I): wherein each E independently represents optionally substituted nitrogen or optionally substituted phosphorus, with the proviso that at least one E is optionally substituted phosphorus; each Ar¹, Ar² and Ar³ is the same or different and independently represents an optionally substituted aryl or heteroaryl; n is 0-3; and in the case of unsubstituted nitrogen and phosphorus, the second repeat unit is directly conjugated to the first repeat unit.